PDR RID Report

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Document PDR

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Review FOS
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Priority 2

Section NA **Page** NA **Figure Table** NA

Category Name Design **Actionee** HAIS

Sub Category

Subject Error Conditions

Description of Problem or Suggestion:

Error conditions and recovery processing for each scenario were not presented nor found in the supporting design documentation.

Originator's Recommendation

Identify the error conditions and recovery processing applicable to each scenario. Include this information in the FOS Design Specification. This information is critical during the test phase in ensuring that boundary conditions such as error processing are included in test procedures.

GSFC Response by: **GSFC Response Date**

HAIS Response by: D. Herring **HAIS Schedule** 1/20/95

HAIS R. E. A. Miller **HAIS Response Date** 1/24/95

During the detailed design phase, the scenarios documented in the dynamic model for each subsystem will be expanded including additional error conditions. This will be reflected in the FOS Design Specification, which will be delivered as part of the CDR documentation package. These scenarios will be able to be used in the development of the FOS test procedures.

Error conditions and recovery processing are addressed at several levels by the development team (i.e., code/unit test and integration and test). In the context of integration and test, FOS segment and subsystem scenarios have been defined to ensure that boundary conditions are included in the test procedures. For example, telemetry dropouts, limit violations, syntax checking of user-specified directives are examples of error conditions that produce event messages that are provided to the operations staff.

Status **Closed** **Date Closed** **2/1/95** **Sponsor** **Johns**

****** **Attachment if any** ******